ELSEVIER

Gait and Posture 16 (2002) 318–321

GAIT & POSTURE

www.elsevier.com/locate/gaitpost

Author index

Volumes 14, 15 and 16 (2002)

Abernethy, B., A. Hanna, A. Plooy, The attentional demands of preferred and non-preferred gait patterns **15**, 256
Adamson, R.L., see Piazza, S.J. **14**, 271
Adkin, A.L., see Allum, J.H.J. **16**, 264
Adkin, A.L., see Allum, J.H.J. **14**, 227
Aiona, M.D., see Orendurff, M.S. **15**, 130
Aiona, M.D., see Sienko Thomas, S. **16**, 180
Akataki, K., see Nonaka, H. **15**, 236
Akins, M.-B., see Morgan, D.W. **15**, 230
Allard, F., see Dault, M.C. **14**, 110
Allsopp, A.J., see House, C.M. **16**, 297
Allum, J.H.J., A.L. Adkin, M.G. Carpenter, M. Held-Ziolkowska, F. Honegger, K. Pierchala, Trunk sway measures of postural stability during clinical balance tests: effects of a unilateral vestibular deficit **14**, 227
Allum, J.H.J., B.R. Bloem, M.G. Carpenter, F. Honegger, Differential diagnosis of proprioceptive and vestibular deficits using dynamic support-surface posturography **14**, 217
Allum, J.H.J., F. Zamani, A.L. Adkin, A. Ernst, Differences between trunk sway characteristics on a foam support surface and on the Equitest® ankle-sway-referenced support surface **16**, 264
André, J.M., see Maupas, E. **16**, 304
Arcan, M., see Gefen, A. **15**, 56
Auvinet, B., G. Berrut, C. Touzard, L. Moutel, N. Collet, D. Chaleil, E. Barrey, Reference data for normal subjects obtained with an accelerometric device **16**, 124

Babič, J., T. Karčnik, T. Bajd, Stability analysis of four-point walking **14**, 56
Bagley, A., see Rab, G. **15**, 113
Bajd, T., see Babič, J. **14**, 56
Baker, R., see McDowell, B. **15**, 25
Barbeau, H., see Leroux, A. **15**, 64
Barrey, E., see Auvinet, B. **16**, 124
Bartonek, Å., H. Saraste, M. Eriksson, L. Knutson, A.G. Cresswell, Upper body movement during walking in children with lumbosacral myelomeningocele **15**, 120
Batt, M.E., see Razeghi, M. **15**, 282
Beek, P.J., see Lamoth, C.J.C. **16**, 101
Bennell, K.L., see Schache, A.G. **15**, 136
Bergamasco, B., see Ferrarin, M. **16**, 135
Berrut, G., see Auvinet, B. **16**, 124
Biden, E., see Tingley, M. **16**, 149
Blanch, P.D., see Schache, A.G. **15**, 136
Bloem, B.R., see Allum, J.H.J. **14**, 217
Bloem, B.R., V.V. Valkenburg, M. Slabbekoorn, M.D. Willemsen, The Multiple Tasks Test: Development and normal strategies **14**, 191
Bloomberg, J.J., see Mulavara, A.P. **16**, 271
Bloomberg, J., see Miller, C. **16**, 283
Blumentritt, S., see Schmalz, T. **16**, 255
Bobbert, M.F., see Pijnappels, M. **14**, 11
Brauer, S.G., M. Woollacott, A. Shumway-Cook, The influence of a concurrent cognitive task on the compensatory stepping response to a perturbation in balance-impaired and healthy elders **15**, 83
Brechter, J.H., C.M. Powers, Patellofemoral joint stress during stair ascent and descent in persons with and without patellofemoral pain **16**, 115
Bronstein, A.M., see Yarrow, K. **14**, 279
Brown, L.A., J.L. Jensen, T. Korff, M.H. Woollacott, The translating platform paradigm: perturbation displacement waveform alters the postural response **14**, 256
Brown, P., see Yarrow, K. **14**, 279
Brunner, R., see Romkes, J. **15**, 18
Buckon, C.E., see Sienko Thomas, S. **16**, 180

Caborn, D.N.M., see Nyland, J.A. **15**, 146
Camomilla, V., see Conforto, S. **14**, 28
Cappozzo, A., see Conforto, S. **14**, 28
Caputo, J.L., see Morgan, D.W. **15**, 230
Carpenter, M.G., see Allum, J.H.J. **14**, 217
Carpenter, M.G., see Allum, J.H.J. **14**, 227
Casey Kerrigan, D., see Riley, P.O. **14**, 264
Cavanagh, P.R., see Christina, K.A. **15**, 153
Cavanagh, P.R., see Dingwell, J.B. **14**, 1
Chaleil, D., see Auvinet, B. **16**, 124
Cham, R., M.S. Redfern, Changes in gait when anticipating slippery floors **15**, 159
Cheng, H.-Y.K., see Smiley-Oyen, A.L. **16**, 188
Chmielewski, T.L., K.E. Wilk, L. Snyder-Mackler, Changes in weight-bearing following injury or surgical reconstruction of the ACL: relationship to quadriceps strength and function **16**, 87
Chockalingam, N., G. Giakas, A. Iossifidou, Do strain gauge force platforms need in situ correction? **16**, 233
Chou, Y.-L., see Lin, C.-J. **14**, 85
Chow, D.H.K., A.D. Holmes, A.T.K. Tse, Sudden release during a pulling task: the effect of release load on stance perturbation and recovery **15**, 266
Christina, K.A., P.R. Cavanagh, Ground reaction forces and frictional demands during stair descent: effects of age and illumination **15**, 153
Cioni, G., M. Coluccini, E.S. Maini, A.M. Sabatini, H.F.R. Prechtl, Corrigendum to abstract "New qualitative and kinetic parameters for the analysis of movement in the first months of life" [Gait and Posture 14 (2001) 155] **16**, 313
Collet, N., see Auvinet, B. **16**, 124
Coluccini, M., see Cioni, G. **16**, 313
Commissaris, D.A.C.M., H.M. Toussaint, H. Hirschfeld, Anticipatory postural adjustments in a bimanual, whole-body lifting task seem not only aimed at minimising anterior–posterior centre of mass displacements **14**, 44

PII: S0966-6362(00)00180-7

ELSEVIER

Gait and Posture 16 (2002) 318–321

GAIT & POSTURE

www.elsevier.com/locate/gaitpost

Author index

Volumes 14, 15 and 16 (2002)

Abernethy, B., A. Hanna, A. Plooy, The attentional demands of preferred and non-preferred gait patterns **15**, 256
Adamson, R.L., see Piazza, S.J. **14**, 271
Adkin, A.L., see Allum, J.H.J. **16**, 264
Adkin, A.L., see Allum, J.H.J. **14**, 227
Aiona, M.D., see Orendurff, M.S. **15**, 130
Aiona, M.D., see Sienko Thomas, S. **16**, 180
Akataki, K., see Nonaka, H. **15**, 236
Akins, M.-B., see Morgan, D.W. **15**, 230
Allard, F., see Dault, M.C. **14**, 110
Allsopp, A.J., see House, C.M. **16**, 297
Allum, J.H.J., A.L. Adkin, M.G. Carpenter, M. Held-Ziolkowska, F. Honegger, K. Pierchala, Trunk sway measures of postural stability during clinical balance tests: effects of a unilateral vestibular deficit **14**, 227
Allum, J.H.J., B.R. Bloem, M.G. Carpenter, F. Honegger, Differential diagnosis of proprioceptive and vestibular deficits using dynamic support-surface posturography **14**, 217
Allum, J.H.J., F. Zamani, A.L. Adkin, A. Ernst, Differences between trunk sway characteristics on a foam support surface and on the Equitest® ankle-sway-referenced support surface **16**, 264
André, J.M., see Maupas, E. **16**, 304
Arcan, M., see Gefen, A. **15**, 56
Auvinet, B., G. Berrut, C. Touzard, L. Moutel, N. Collet, D. Chaleil, E. Barrey, Reference data for normal subjects obtained with an accelerometric device **16**, 124

Babič, J., T. Karčnik, T. Bajd, Stability analysis of four-point walking **14**, 56
Bagley, A., see Rab, G. **15**, 113
Bajd, T., see Babič, J. **14**, 56
Baker, R., see McDowell, B. **15**, 25
Barbeau, H., see Leroux, A. **15**, 64
Barrey, E., see Auvinet, B. **16**, 124
Bartonek, Å., H. Saraste, M. Eriksson, L. Knutson, A.G. Cresswell, Upper body movement during walking in children with lumbosacral myelomeningocele **15**, 120
Batt, M.E., see Razeghi, M. **15**, 282
Beek, P.J., see Lamoth, C.J.C. **16**, 101
Bennell, K.L., see Schache, A.G. **15**, 136
Bergamasco, B., see Ferrarin, M. **16**, 135
Berrut, G., see Auvinet, B. **16**, 124
Biden, E., see Tingley, M. **16**, 149
Blanch, P.D., see Schache, A.G. **15**, 136
Bloem, B.R., see Allum, J.H.J. **14**, 217
Bloem, B.R., V.V. Valkenburg, M. Slabbekoorn, M.D. Willemsen, The Multiple Tasks Test: Development and normal strategies **14**, 191
Bloomberg, J.J., see Mulavara, A.P. **16**, 271
Bloomberg, J., see Miller, C. **16**, 283
Blumentritt, S., see Schmalz, T. **16**, 255
Bobbert, M.F., see Pijnappels, M. **14**, 11
Brauer, S.G., M. Woollacott, A. Shumway-Cook, The influence of a concurrent cognitive task on the compensatory stepping response to a perturbation in balance-impaired and healthy elders **15**, 83
Brechter, J.H., C.M. Powers, Patellofemoral joint stress during stair ascent and descent in persons with and without patellofemoral pain **16**, 115
Bronstein, A.M., see Yarrow, K. **14**, 279
Brown, L.A., J.L. Jensen, T. Korff, M.H. Woollacott, The translating platform paradigm: perturbation displacement waveform alters the postural response **14**, 256
Brown, P., see Yarrow, K. **14**, 279
Brunner, R., see Romkes, J. **15**, 18
Buckon, C.E., see Sienko Thomas, S. **16**, 180

Caborn, D.N.M., see Nyland, J.A. **15**, 146
Camomilla, V., see Conforto, S. **14**, 28
Cappozzo, A., see Conforto, S. **14**, 28
Caputo, J.L., see Morgan, D.W. **15**, 230
Carpenter, M.G., see Allum, J.H.J. **14**, 217
Carpenter, M.G., see Allum, J.H.J. **14**, 227
Casey Kerrigan, D., see Riley, P.O. **14**, 264
Cavanagh, P.R., see Christina, K.A. **15**, 153
Cavanagh, P.R., see Dingwell, J.B. **14**, 1
Chaleil, D., see Auvinet, B. **16**, 124
Cham, R., M.S. Redfern, Changes in gait when anticipating slippery floors **15**, 159
Cheng, H.-Y.K., see Smiley-Oyen, A.L. **16**, 188
Chmielewski, T.L., K.E. Wilk, L. Snyder-Mackler, Changes in weight-bearing following injury or surgical reconstruction of the ACL: relationship to quadriceps strength and function **16**, 87
Chockalingam, N., G. Giakas, A. Iossifidou, Do strain gauge force platforms need in situ correction? **16**, 233
Chou, Y.-L., see Lin, C.-J. **14**, 85
Chow, D.H.K., A.D. Holmes, A.T.K. Tse, Sudden release during a pulling task: the effect of release load on stance perturbation and recovery **15**, 266
Christina, K.A., P.R. Cavanagh, Ground reaction forces and frictional demands during stair descent: effects of age and illumination **15**, 153
Cioni, G., M. Coluccini, E.S. Maini, A.M. Sabatini, H.F.R. Prechtl, Corrigendum to abstract "New qualitative and kinetic parameters for the analysis of movement in the first months of life" [Gait and Posture 14 (2001) 155] **16**, 313
Collet, N., see Auvinet, B. **16**, 124
Coluccini, M., see Cioni, G. **16**, 313
Commissaris, D.A.C.M., H.M. Toussaint, H. Hirschfeld, Anticipatory postural adjustments in a bimanual, whole-body lifting task seem not only aimed at minimising anterior–posterior centre of mass displacements **14**, 44

PII: S0966-6362(00)00180-7

Conforto, S., M. Schmid, V. Camomilla, T. D'Alessio, A. Cappozzo, Hemodynamics as a possible internal mechanical disturbance to balance **14**, 28
Cosgrove, A., see McDowell, B. **15**, 25
Costigan, P.A., K.J. Deluzio, U.P. Wyss, Knee and hip kinetics during normal stair climbing **16**, 31
Craig, I.S., see Morgan, D.W. **15**, 230
Cresswell, A.G., see Bartonek, Å. **15**, 120
Croce, U.D., P.O. Riley, J.L. Lelas, D.C. Kerrigan, A refined view of the determinants of gait **14**, 79

D'Alessio, T., see Conforto, S. **14**, 28
Datie, A.M., see Maupas, E. **16**, 304
Dault, M.C., A.C.H. Geurts, T.W. Mulder, J. Duysens, Postural control and cognitive task performance in healthy participants while balancing on different support-surface configurations **14**, 248
Dault, M.C., J.S. Frank, F. Allard, Influence of a visuo-spatial, verbal and central executive working memory task on postural control **14**, 110
Davis, B.L., see Perry, J.E. **15**, 101
DellaCroce, U., see Riley, P.O. **14**, 264
Deluzio, K.J., see Costigan, P.A. **16**, 31
Deviterne, D., see Perrin, P. **15**, 187
Dickstein, R., C.L. Shupert, F.B. Horak, Fingertip touch improves postural stability in patients with peripheral neuropathy **14**, 238
Dingwell, J.B., P.R. Cavanagh, Increased variability of continuous overground walking in neuropathic patients is only indirectly related to sensory loss **14**, 1
Diss, C.E., The reliability of kinetic and kinematic variables used to analyse normal running gait **14**, 98
Dixon, S.J., see House, C.M. **16**, 297
Dorociak, R.D., see Orendurff, M.S. **15**, 130
Dumas, F., see Lamontagne, A. **15**, 244
Duysens, J., see Dault, M.C. **14**, 248

Elzinga, H., see Hof, A.L. **16**, 78
Erdemir, A., S.J. Piazza, Rotational foot placement specifies the lever arm of the ground reaction force during the push-off phase of walking initiation **15**, 212
Eriksson, M., see Bartonek, Å. **15**, 120
Ernst, A., see Allum, J.H.J. **16**, 264

Fang, M., see Manetta, J. **16**, 249
Ferber, R., L.R. Osternig, M.H. Woollacott, N.J. Wasielewski, J.-H. Lee, Reactive balance adjustments to unexpected perturbations during human walking **16**, 238
Ferrarin, M., L. Lopiano, M. Rizzone, M. Lanotte, B. Bergamasco, M. Recalcati, A. Pedotti, Quantitative analysis of gait in Parkinson's disease: a pilot study on the effects of bilateral sub-thalamic stimulation **16**, 135
Frank, J.S., see Dault, M.C. **14**, 110
Fransson, P.-A., see Tjernström, F. **15**, 75
Franz, L.H., see Manetta, J. **16**, 249
Frigo, C., see Riener, R. **15**, 32
Fung, J., see Leroux, A. **15**, 64
Furman, J.M., see Redfern, M.S. **14**, 211

Galinat, B., see Manal, K. **15**, 10
Gefen, A., M. Megido-Ravid, Y. Itzchak, M. Arcan, Analysis of muscular fatigue and foot stability during high-heeled gait **15**, 56
Geurts, A.C.H., see Dault, M.C. **14**, 248
Geurts, A., see Mulder, T. **16**, 198
Giakas, G., see Chockalingam, N. **16**, 233
Gresty, M.A., see Yarrow, K. **14**, 279
Griffith, G.E., see Morgan, D.W. **15**, 230
Griffith, K.B., see Morgan, D.W. **15**, 230
Grimmius, W., see Hof, A.L. **16**, 78
Gurney, B., Leg length discrepancy **15**, 195

Hafström, A., see Tjernström, F. **15**, 75
Halbertsma, J.P.K., see Hof, A.L. **16**, 78
Hall, J.O., see Perry, J.E. **15**, 101
Hanna, A., see Abernethy, B. **15**, 256
Helbostad, J.L., see Moe-Nilssen, R. **16**, 60
Held-Ziolkowska, M., see Allum, J.H.J. **14**, 227
Hermens, H., see Mayagoitia, R.E. **16**, 55
Hillstrom, H.J., see Ledoux, W.R. **15**, 1
Hirasaki, E., see Yamamoto, K.-i. **15**, 274
Hirschfeld, H., see Commissaris, D.A.C.M. **14**, 44
Ho, C.-S., see Lin, C.-J. **14**, 85
Hof, A.L., H. Elzinga, W. Grimmius, J.P.K. Halbertsma, Speed dependence of averaged EMG profiles in walking **16**, 78
Holmes, A.D., see Chow, D.H.K. **15**, 266
Honegger, F., see Allum, J.H.J. **14**, 217
Honegger, F., see Allum, J.H.J. **14**, 227
Horak, F.B., see Dickstein, R. **14**, 238
Horak, F.B., see Speers, R.A. **16**, 20
House, C.M., C. Waterworth, A.J. Allsopp, S.J. Dixon, The influence of simulated wear upon the ability of insoles to reduce peak pressures during running when wearing military boots **16**, 297
Hugel, F., see Perrin, P. **15**, 187
Humble, R.N., see Mündermann, A. **16**, 38

Imai, T., see Yamamoto, K.-i. **15**, 274
Iossifidou, A., see Chockalingam, N. **16**, 233
Itzchak, Y., see Gefen, A. **15**, 56

Jakobson-Huston, S., see Sienko Thomas, S. **16**, 180
Jarasch, R., see Schmalz, T. **16**, 255
Jennings, J.R., see Redfern, M.S. **14**, 211
Jensen, J.L., see Brown, L.A. **14**, 256

Karčnik, T., see Babič, J. **14**, 56
Kasai, T., S. Yahagi, K. Shimura, Effect of vibration-induced postural illusion on anticipatory postural adjustment of voluntary arm movement in standing humans **15**, 94
Kautz, S.A., see Zajac, F.E. **16**, 215
Keefer, D.J., see Morgan, D.W. **15**, 230
Kellis, E., Plantar pressure distribution during barefoot standing, walking and landing in preschool boys **14**, 92
Kerrigan, D.C., see Croce, U.D. **14**, 79
Kimura, T., see Yaguramaki, N. **16**, 69
King, D.L., V.M. Zatsiorsky, Periods of extreme ankle displacement during one-legged standing **15**, 172
Knight, W.R., see Tingley, M. **16**, 149
Knutson, L., see Bartonek, Å. **15**, 120
Korff, T., see Brown, L.A. **14**, 256
Krell, J., A.E. Patla, The influence of multiple obstacles in the travel path on avoidance strategy **16**, 15
Kubo, T., see Yamamoto, K.-i. **15**, 274
Kuo, A.D., see Speers, R.A. **16**, 20

Lai, K.-A., see Lin, C.-J. **14**, 85
Lamontagne, A., F. Malouin, C.L. Richards, F. Dumas, Mechanisms of disturbed motor control in ankle weakness during gait after stroke **15**, 244
Lamoth, C.J.C., P.J. Beek, O.G. Meijer, Pelvis–thorax coordination in the transverse plane during gait **16**, 101
Lanotte, M., see Ferrarin, M. **16**, 135
Latt, L.D., see Smiley-Oyen, A.L. **16**, 188
Leardini, A., J.J. O'Connor, A model for lever-arm length calculation of the flexor and extensor muscles at the ankle **15**, 220
Ledoux, W.R., H.J. Hillstrom, The distributed plantar vertical force of neutrally aligned and pes planus feet **15**, 1

Lee, J.-H., see Ferber, R. **16**, 238
Lelas, J.L., see Croce, U.D. **14**, 79
Leroux, A., J. Fung, H. Barbeau, Postural adaptation to walking on inclined surfaces: I. Normal strategies **15**, 64
Lifeso, R.M., see McCroy, J.L. **14**, 104
Lin, C.-J., K.-A. Lai, Y.-L. Chou, C.-S. Ho, The effect of changing the foot progression angle on the knee adduction moment in normal teenagers **14**, 85
Linhart, W.E., see Zwick, E.B. **16**, 288
Liu, W., see Schöllhorn, W.I. **15**, 180
Lopiano, L., see Ferrarin, M. **16**, 135
Lötters, J.C., see Mayagoitia, R.E. **16**, 55

Maclaren, W., see Paul, L.M. **14**, 19
Magnusson, M., see Tjernström, F. **15**, 75
Maini, E.S., see Cioni, G. **16**, 313
Malouin, F., see Lamontagne, A. **15**, 244
Mamoto, Y., see Yamamoto, K.-i. **15**, 274
Manal, K., I. McClay, J. Richards, B. Galinat, S. Stanhope, Knee moment profiles during walking: errors due to soft tissue movement of the shank and the influence of the reference coordinate system **15**, 10
Manetta, J., L.H. Franz, C. Moon, K.L. Perell, M. Fang, Comparison of hip and knee muscle moments in subjects with and without knee pain **16**, 249
Martin, C., see Redfern, M.S. **14**, 211
Martinet, N., see Maupas, E. **16**, 304
Martin, P.E., see Morgan, D.W. **15**, 230
Maupas, E., J. Paysant, A.M. Datie, N. Martinet, J.M. André, Functional asymmetries of the lower limbs. A comparison between clinical assessment of laterality, isokinetic evaluation and electrogoniometric monitoring of knees during walking **16**, 304
Mayagoitia, R.E., J.C. Lötters, P.H. Veltink, H. Hermens, Standing balance evaluation using a triaxial accelerometer **16**, 55
McClay, I., see Manal, K. **15**, 10
McCroy, J.L., S.C. White, R.M. Lifeso, Vertical ground reaction forces: objective measures of gait following hip arthroplasty **14**, 104
McDowell, B., A. Cosgrove, R. Baker, Estimating mechanical cost in subjects with myelomeningocele **15**, 25
Megido-Ravid, M., see Gefen, A. **15**, 56
Meijer, O.G., see Lamoth, C.J.C. **16**, 101
Miller, C., A. Mulavara, J. Bloomberg, A quasi-static method for determining the characteristics of a motion capture camera system in a "split-volume" configuration **16**, 283
Mita, K., see Nonaka, H. **15**, 236
Moe-Nilssen, R., J.L. Helbostad, Trunk accelerometry as a measure of balance control during quiet standing **16**, 60
Moon, C., see Manetta, J. **16**, 249
Morgan, D.W., W. Tseh, J.L. Caputo, D.J. Keefer, I.S. Craig, K.B. Griffith, M.-B. Akins, G.E. Griffith, P.E. Martin, Longitudinal profiles of oxygen uptake during treadmill walking in able-bodied children: the locomotion energy and growth study **15**, 230
Moutel, L., see Auvinet, B. **16**, 124
Mulavara, A.P., M.C. Verstraete, J.J. Bloomberg, Modulation of head movement control in humans during treadmill walking **16**, 271
Mulavara, A., see Miller, C. **16**, 283
Mulder, T.W., see Dault, M.C. **14**, 248
Mulder, T., W. Zijlstra, A. Geurts, Assessment of motor recovery and decline **16**, 198
Mündermann, A., B.M. Nigg, D.J. Stefanyshyn, R.N. Humble, Development of a reliable method to assess footwear comfort during running **16**, 38
Myles, C.M., P.J. Rowe, C.R.C. Walker, R.W. Nutton, Knee joint functional range of movement prior to and following total knee arthroplasty measured using flexible electrogoniometry **16**, 46

Nakata, H., K. Yabe, Automatic postural response systems in individuals with congenital total blindness **14**, 36
Neptune, R.R., see Zajac, F.E. **16**, 215
Nigg, B.M., see Mündermann, A. **16**, 38
Nigg, B.M., see Schöllhorn, W.I. **15**, 180
Nonaka, H., K. Mita, M. Watakabe, K. Akataki, N. Suzuki, T. Okuwa, K. Yabe, Age-related changes in the interactive mobility of the hip and knee joints: a geometrical analysis **15**, 236
Nutton, R.W., see Myles, C.M. **16**, 46
Nyland, J.A., L.R. Ullery, D.N.M. Caborn, Medial patellar taping changes the peak plantar force location and timing of female basketball players **15**, 146

O'Connor, J.J., see Leardini, A. **15**, 220
Okuwa, T., see Nonaka, H. **15**, 236
Orendurff, M.S., M.D. Aiona, R.D. Dorociak, R.A. Pierce, Length and force of the gastrocnemius and soleus during gait following tendo Achilles lengthenings in children with equinus **15**, 130
Osternig, L.R., see Ferber, R. **16**, 238

Patla, A.E., see Krell, J. **16**, 15
Paul, L.M., L. Wood, W. Maclaren, The effect of exercise on gait and balance in patients with chronic fatigue syndrome **14**, 19
Paysant, J., see Maupas, E. **16**, 304
Pedotti, A., see Ferrarin, M. **16**, 135
Perell, K.L., see Manetta, J. **16**, 249
Perrin, P., D. Deviterne, F. Hugel, C. Perrot, Judo, better than dance, develops sensorimotor adaptabilities involved in balance control **15**, 187
Perrot, C., see Perrin, P. **15**, 187
Perry, J.E., J.O. Hall, B.L. Davis, Simultaneous measurement of plantar pressure and shear forces in diabetic individuals **15**, 101
Petuskey, K., see Rab, G. **15**, 113
Piazza, S.J., R.L. Adamson, J.O. Sanders, N.A. Sharkey, Changes in muscle moment arms following split tendon transfer of tibialis anterior and tibialis posterior **14**, 271
Piazza, S.J., see Erdemir, A. **15**, 212
Pierce, R.A., see Orendurff, M.S. **15**, 130
Pierchala, K., see Allum, J.H.J. **14**, 227
Pijnappels, M., M.F. Bobbert, J.H. van Dieën, Changes in walking pattern caused by the possibility of a tripping reaction **14**, 11
Plooy, A., see Abernethy, B. **15**, 256
Powers, C.M., see Brechter, J.H. **16**, 115
Prechtl, H.F.R., see Cioni, G. **16**, 313

Rab, G., K. Petuskey, A. Bagley, A method for determination of upper extremity kinematics **15**, 113
Rabuffetti, M., see Riener, R. **15**, 32
Rath, D.A., see Schache, A.G. **15**, 136
Razeghi, M., M.E. Batt, Foot type classification: a critical review of current methods **15**, 282
Recalcati, M., see Ferrarin, M. **16**, 135
Redfern, M.S., J.R. Jennings, C. Martin, J.M. Furman, Attention influences sensory integration for postural control in older adults **14**, 211
Redfern, M.S., see Cham, R. **15**, 159
Redfern, M.S., see Smiley-Oyen, A.L. **16**, 188
Reisman, D.S., J.P. Scholz, G. Schöner, Coordination underlying the control of whole body momentum during sit-to-stand **15**, 45
Richards, C.L., see Lamontagne, A. **15**, 244
Richards, J., see Manal, K. **15**, 10
Riener, R., M. Rabuffetti, C. Frigo, Stair ascent and descent at different inclinations **15**, 32
Riley, P.O., see Croce, U.D. **14**, 79
Riley, P.O., U. DellaCroce, D. Casey Kerrigan, Effect of age on lower extremity joint moment contributions to gait speed **14**, 264

Rizzone, M., see Ferrarin, M. **16**, 135
Romkes, J., R. Brunner, Comparison of a dynamic and a hinged ankle–foot orthosis by gait analysis in patients with hemiplegic cerebral palsy **15**, 18
Rowe, P.J., see Myles, C.M. **16**, 46

Sabatini, A.M., see Cioni, G. **16**, 313
Sanders, J.O., see Piazza, S.J. **14**, 271
Saraph, V., see Zwick, E.B. **16**, 288
Saraste, H., see Bartonek, Å. **15**, 120
Schache, A.G., P.D. Blanch, D.A. Rath, T.V. Wrigley, R. Starr, K.L. Bennell, Intra-subject repeatability of the three dimensional angular kinematics within the lumbo–pelvic–hip complex during running **15**, 136
Schmalz, T., S. Blumentritt, R. Jarasch, Energy expenditure and biomechanical characteristics of lower limb amputee gait: The influence of prosthetic alignment and different prosthetic components **16**, 255
Schmid, M., see Conforto, S. **14**, 28
Schöllhorn, W.I., B.M. Nigg, D.J. Stefanyshyn, W. Liu, Identification of individual walking patterns using time discrete and time continuous data sets **15**, 180
Scholz, J.P., see Reisman, D.S. **15**, 45
Schöner, G., see Reisman, D.S. **15**, 45
Sharkey, N.A., see Piazza, S.J. **14**, 271
Shimura, K., see Kasai, T. **15**, 94
Shumway-Cook, A., see Brauer, S.G. **15**, 83
Shumway-Cook, A., see Woollacott, M. **16**, 1
Shupert, C.L., see Dickstein, R. **14**, 238
Sienko Thomas, S., C.E. Buckon, S. Jakobson-Huston, M.D. Sussman, M.D. Aiona, Stair locomotion in children with spastic hemiplegia: the impact of three different ankle foot orthosis (AFOs) configurations **16**, 180
Simoneau, M., see Teasdale, N. **14**, 203
Slabbekoorn, M., see Bloem, B.R. **14**, 191
Smiley-Oyen, A.L., H.-Y.K. Cheng, L.D. Latt, M.S. Redfern, Adaptation of vibration-induced postural sway in individuals with Parkinson's disease **16**, 188
Snyder-Mackler, L., see Chmielewski, T.L. **16**, 87
Speers, R.A., A.D. Kuo, F.B. Horak, Contributions of altered sensation and feedback responses to changes in coordination of postural control due to aging **16**, 20
Stanhope, S., see Manal, K. **15**, 10
Starr, R., see Schache, A.G. **15**, 136
Stefanyshyn, D.J., see Mündermann, A. **16**, 38
Stefanyshyn, D.J., see Schöllhorn, W.I. **15**, 180
Steinwender, C., see Zwick, E.B. **16**, 288
Steinwender, G., see Zwick, E.B. **16**, 288
Sussman, M.D., see Sienko Thomas, S. **16**, 180
Sutherland, D.H., The evolution of clinical gait analysis: Part II Kinematics **16**, 159
Sutherland, D.H., The evolution of clinical gait analysis part I: kinesiological EMG **14**, 61
Suzuki, N., see Nonaka, H. **15**, 236

Teasdale, N., M. Simoneau, Attentional demands for postural control: the effects of aging and sensory reintegration **14**, 203
Tingley, M., C. Wilson, E. Biden, W.R. Knight, An index to quantify normality of gait in young children **16**, 149
Tjernström, F., P.-A. Fransson, A. Hafström, M. Magnusson, Adaptation of postural control to perturbations—a process that initiates long-term motor memory **15**, 75
Toussaint, H.M., see Commissaris, D.A.C.M. **14**, 44
Touzard, C., see Auvinet, B. **16**, 124
Tse, A.T.K., see Chow, D.H.K. **15**, 266
Tseh, W., see Morgan, D.W. **15**, 230

Ullery, L.R., see Nyland, J.A. **15**, 146

Valkenburg, V.V., see Bloem, B.R. **14**, 191
van Dieën, J.H., see Pijnappels, M. **14**, 11
Veltink, P.H., see Mayagoitia, R.E. **16**, 55
Verstraete, M.C., see Mulavara, A.P. **16**, 271

Walker, C.R.C., see Myles, C.M. **16**, 46
Wasielewski, N.J., see Ferber, R. **16**, 238
Watakabe, M., see Nonaka, H. **15**, 236
Waterworth, C., see House, C.M. **16**, 297
White, S.C., see McCroy, J.L. **14**, 104
Wilk, K.E., see Chmielewski, T.L. **16**, 87
Willemsen, M.D., see Bloem, B.R. **14**, 191
Wilson, C., see Tingley, M. **16**, 149
Wood, L., see Paul, L.M. **14**, 19
Woollacott, M., A. Shumway-Cook, Attention and the control of posture and gait: a review of an emerging area of research **16**, 1
Woollacott, M.H., see Brown, L.A. **14**, 256
Woollacott, M.H., see Ferber, R. **16**, 238
Woollacott, M., see Brauer, S.G. **15**, 83
Wrigley, T.V., see Schache, A.G. **15**, 136
Wyss, U.P., see Costigan, P.A. **16**, 31

Yabe, K., see Nakata, H. **14**, 36
Yabe, K., see Nonaka, H. **15**, 236
Yaguramaki, N., T. Kimura, Acquirement of stability and mobility in infant gait **16**, 69
Yahagi, S., see Kasai, T. **15**, 94
Yamamoto, K.-i., Y. Mamoto, T. Imai, E. Hirasaki, T. Kubo, Effects of caloric vestibular stimulation on head and trunk movements during walking **15**, 274
Yarrow, K., P. Brown, M.A. Gresty, A.M. Bronstein, Erratum to 'Force platform recordings in the diagnosis of primary orthostatic tremor': [Gait and Posture 13 (2001) 27–34] **14**, 279

Zajac, F.E., R.R. Neptune, S.A. Kautz, Biomechanics and muscle coordination of human walking: Part I: Introduction to concepts, power transfer, dynamics and simulations **16**, 215
Zamani, F., see Allum, J.H.J. **16**, 264
Zatsiorsky, V.M., see King, D.L. **15**, 172
Zijlstra, W., see Mulder, T. **16**, 198
Zwick, E.B., V. Saraph, G. Zwick, C. Steinwender, W.E. Linhart, G. Steinwender, Medial hamstring lengthening in the presence of hip flexor tightness in spastic diplegia **16**, 288
Zwick, G., see Zwick, E.B. **16**, 288

ELSEVIER

Gait and Posture 16 (2002) 322–330

GAIT & POSTURE

www.elsevier.com/locate/gaitpost

Subject index

Volumes 14, 15 and 16 (2002)

Acceleration; Locomotion; Gait analysis; Walk; Elderly **16**, 124

Acceleration; Platform perturbation; Displacement waveform; Postural control **14**, 256

Accuracy; Kinematics; Measurement; Split-volume; Resolution; Repeatability **16**, 283

ACL rehabilitation; Anterior cruciate ligament; Proprioception; Balance **16**, 87

Adaptation; Balance; Posture; Rehabilitation; Vision **15**, 75

Adaptation; Basal ganglia; Postural control; Vibration; Parkinson's disease; Elderly; Balance **16**, 188

Adaptation; Walking; Posture; Slope; Trunk; Pelvis **15**, 64

AFO; Gait analysis; Cerebral palsy; Ankle–foot orthosis; Equinus **15**, 18

Age; Gait; Biomechanics; Power; Modeling **14**, 264

Aging; Posture; Balance; Attention **14**, 211

Aging; Posture; Dual-task; Falls **14**, 191

Aging; Posture; Dynamic posturography; EquiTest; Kinematics **16**, 20

Aging; Range of motion; Hip joint; Knee joint; Biarticular muscle, Monoarticular muscle **15**, 236

Aging; Sensory reintegration; Attention; Proprioception; Vision **14**, 203

Aging; Stairs; Required coefficient of friction; Ground reaction force **15**, 153

Analytical methods; Upper extremity; Kinematics **15**, 113

Angular displacement; Gait; Head–trunk coordination; Gaze; Neck moments **16**, 271

Ankle; Coactivation; Gait; Paresis; Spasticity; Stiffness; Stroke; Weakness **15**, 244

Ankle complex; Muscle force; Lever arm; Four-bar linkage; Centre of rotation **15**, 220

Ankle–foot orthosis; Gait analysis; Cerebral palsy; AFO; Equinus **15**, 18

Ankle movement; Standing; Balance; One-legged standing **15**, 172

Anterior cruciate ligament; Proprioception; Balance; ACL rehabilitation **16**, 87

Anticipation of slippery floors; Gait adaptations; Slips and falls biomechanics **15**, 159

Anticipatory postural adjustments; Load lifting; Centre of mass; Centre of pressure; Mechanical constraint **14**, 44

Anticipatory postural adjustment; Voluntary arm movement; Vibration-induced postural illusion; Ipsilateral biceps femoris; Standing human **15**, 94

Ascent; Stair climbing; Descent; Motion analysis; Kinematics; Kinetics; Ground reactions; Stair inclination; Slope **15**, 32

Assessment; Recovery; Motor disorders **16**, 198

Attention demand; Dynamics; Gait control; Phase transitions **15**, 256

Attention; Postural control; Centre of pressure **14**, 248

Attention; Postural control; Centre of pressure; Working memory **14**, 110

Attention; Posture; Balance; Aging **14**, 211

Attention; Sensory reintegration; Aging; Proprioception; Vision **14**, 203

Attention; Stepping; Balance; Elderly **15**, 83

Automatic postural response; Congenital total blindness; EMG latency; Reaction time; Postural sway **14**, 36

Avoidance strategy; Human locomotion; Multiple obstacles; Kinematics **16**, 15

Balance; Adaptation; Posture; Rehabilitation; Vision **15**, 75

Balance; Anterior cruciate ligament; Proprioception; ACL rehabilitation **16**, 87

Balance assessment; Chronic fatigue syndrome; Gait analysis; Exercise **14**, 19

PII: S0966-6362(00)00181-9

Balance; Attention; Stepping; Elderly **15**, 83

Balance; Basal ganglia; Adaptation; Postural control; Vibration; Parkinson's disease; Elderly **16**, 188

Balance control; Dynamic posturography; Trunk sway **16**, 264

Balance deficits; Dynamic posturography; Peripheral-vestibular loss; Lower-leg proprioceptive deficits; Stretch reflexes **14**, 217

Balance disorders; Clinical balance tests; Unilateral vestibular loss; Cerebellar pontine angle tumours; Trunk sway; Screening balance disorders **14**, 227

Balance; Human; Locomotion; Perturbation **16**, 238

Balance; Posture; Attention; Aging **14**, 211

Balance; Standing; Ankle movement; One-legged standing **15**, 172

Balance; Standing; Triaxial accelerometer; Force platform; Posture; Performance parameters **16**, 55

Basal ganglia; Adaptation; Postural control; Vibration; Parkinson's disease; Elderly; Balance **16**, 188

Biarticular muscle, Monoarticular muscle; Range of motion; Aging; Hip joint; Knee joint **15**, 236

Biomechanics; Age; Gait; Power; Modeling **14**, 264

Biomechanics; Ground reaction force; Testing; Gait analysis **16**, 233

Biomechanics; Lower limb amputees; Prosthetic alignment; Oxygen consumption; Gait analysis **16**, 255

Biomechanics; Patella; Patellofemoral; Stress; Stairs; Gait **16**, 115

Body balance; Contact stress; Foot stability; Muscle fatigue; Plantar pressure; Surface EMG **15**, 56

Body movement; Treadmill; Gait; Rotation; Translation; Vestibular stimulation **15**, 274

Bone; Skin movement; Motion analysis; Relative motion; Video; Tracking targets **15**, 10

Center of force; Patellofemoral joint; Gait **15**, 146

Centre of mass; Anticipatory postural adjustments; Load lifting; Centre of pressure; Mechanical constraint **14**, 44

Centre of mass; Gait parameters; Vertical displacement **14**, 79

Centre of pressure; Anticipatory postural adjustments; Load lifting; Centre of mass; Mechanical constraint **14**, 44

Centre of pressure motion; Pulling; Sudden release; Posture control **15**, 266

Centre of pressure; Postural control; Attention **14**, 248

Centre of pressure; Postural control; Working memory; Attention **14**, 110

Centre of rotation; Ankle complex; Muscle force; Lever arm; Four-bar linkage **15**, 220

Cerebellar pontine angle tumours; Clinical balance tests; Unilateral vestibular loss; Balance disorders; Trunk sway; Screening balance disorders **14**, 227

Cerebral palsy; Gait analysis; Ankle–foot orthosis; AFO; Equinus **15**, 18

Cerebral palsy; Gait; Surgery; Hamstring lengthening **16**, 288

Children; Locomotion; Oxygen uptake; Walking **15**, 230

Children; Plantar pressure; Foot; Gait; Landing; Jumping **14**, 92

Chronic fatigue syndrome; Gait analysis; Balance assessment; Exercise **14**, 19

Clinical balance tests; Unilateral vestibular loss; Cerebellar pontine angle tumours; Balance disorders; Trunk sway; Screening balance disorders **14**, 227

Clinical gait analysis; History; Electromyography (EMG) **14**, 61

Clinical gait analysis; History; Kinematics **16**, 159

Coactivation; Ankle; Gait; Paresis; Spasticity; Stiffness; Stroke; Weakness **15**, 244

Comfort; Visual analogue scale; Footwear; Running **16**, 38

Congenital total blindness; Automatic postural response; EMG latency; Reaction time; Postural sway **14**, 36

Contact forces; Gait; Stairs; Knee; Hip; Forces; Moments; Patella **16**, 31

Contact stress; Body balance; Foot stability; Muscle fatigue; Plantar pressure; Surface EMG **15**, 56

Coordination; Sit-to-stand; Nervous system **15**, 45

Crouch gait; Myelomeningocele; Mechanical cost models; Oxygen cost **15**, 25

Cycling; Locomotion; Pedaling; Musculoskeletal models; Motor control; Orthopaedics; Muscle synergy **16**, 215

Deep brain stimulation; Gait analysis; Parkinson's disease; Subthalamic nucleus stimulation; Motor rehabilitation **16**, 135

Descent; Stair climbing; Ascent; Motion analysis; Kinematics; Kinetics; Ground reactions; Stair inclination; Slope **15**, 32

Diabetes; Foot; Plantar pressure; Shear stress **15**, 101

Diabetes; Neuropathy; Gait; Kinematics; Variability **14**, 1

Displacement waveform; Platform perturbation; Acceleration; Postural control **14**, 256

Dual-task; Posture; Aging; Falls **14**, 191

Dynamical systems theory; Human walking; Pelvis–thorax coordination; Relative phase; Gait-analysis **16**, 101

Dynamic posturography; Balance control; Trunk sway **16**, 264

Dynamic posturography; Balance deficits; Peripheral-vestibular loss; Lower-leg proprioceptive deficits; Stretch reflexes **14**, 217

Dynamic posturography; Posture; EquiTest; Aging; Kinematics **16**, 20

Dynamics; Attention demand; Gait control; Phase transitions **15**, 256

Dynamic stability; Four-point walking; Static stability; Functional electrical stimulation **14**, 56

Elderly; Attention; Stepping; Balance **15**, 83

Elderly; Basal ganglia; Adaptation; Postural control; Vibration; Parkinson's disease; Balance **16**, 188

Elderly; Locomotion; Gait analysis; Acceleration; Walk **16**, 124

Electrogoniometer; Gait asymmetry; Laterality; Isokinetics **16**, 304

Electrogoniometry; Gait; Knee; Functional activity; Total knee arthroplasty; Osteoarthritis; Range of movement **16**, 46

Electromyogram; Speed dependence; Human walking **16**, 78

Electromyography (EMG); History; Clinical gait analysis **14**, 61

EMG latency; Congenital total blindness; Automatic postural response; Reaction time; Postural sway **14**, 36

Equinus; Gait analysis; Cerebral palsy; Ankle–foot orthosis; AFO **15**, 18

EquiTest; Posture; Dynamic posturography; Aging; Kinematics **16**, 20

Equnius; Gastrocnemius; Tendo Achilles **15**, 130

Exercise; Chronic fatigue syndrome; Gait analysis; Balance assessment **14**, 19

Falls; Posture; Aging; Dual-task **14**, 191

Flat foot; Ground reaction force; Gait; Pes planus **15**, 1

Foot; Diabetes; Plantar pressure; Shear stress **15**, 101

Foot function; Locomotion; Gait; Running; Foot type classification; Foot structure; Kinematics; Risk of injury **15**, 282

Foot placement; Lever arm; Ground reaction force; Push-off; Plantarflexors **15**, 212

Foot; Plantar pressure; Children; Gait; Landing; Jumping **14**, 92

Foot progression angle; Knee adduction moment; Gait analysis; Teenager **14**, 85

Foot stability; Body balance; Contact stress; Muscle fatigue; Plantar pressure; Surface EMG **15**, 56

Foot structure; Locomotion; Gait; Running; Foot type classification; Foot function; Kinematics; Risk of injury **15**, 282

Foot type classification; Locomotion; Gait; Running; Foot function; Foot structure; Kinematics; Risk of injury **15**, 282

Footwear; Comfort; Visual analogue scale; Running **16**, 38

Force; Hip arthroplasty; Gait; Symmetry index; Treadmill; Force measuring treadmill **14**, 104

Force measuring treadmill; Hip arthroplasty; Force; Gait; Symmetry index; Treadmill **14**, 104

Force plate; Posture; Hemodynamics **14**, 28

Force platform; Standing; Balance; Triaxial accelerometer; Posture; Performance parameters **16**, 55

Forces; Gait; Stairs; Knee; Hip; Moments; Patella; Contact forces **16**, 31

Forewarning; Gait pattern; Tripping; Recovery reaction **14**, 11

Four-bar linkage; Ankle complex; Muscle force; Lever arm; Centre of rotation **15**, 220

Four-point walking; Static stability; Dynamic stability; Functional electrical stimulation **14**, 56

Functional activity; Gait; Knee; Total knee arthroplasty; Osteoarthritis; Electrogoniometry; Range of movement **16**, 46

Functional electrical stimulation; Four-point walking; Static stability; Dynamic stability **14**, 56

Gait adaptations; Anticipation of slippery floors; Slips and falls biomechanics **15**, 159

Gait; Age; Biomechanics; Power; Modeling **14**, 264

Gait analysis; Biomechanics; Ground reaction force; Testing **16**, 233

Gait analysis; Cerebral palsy; Ankle–foot orthosis; AFO; Equinus **15**, 18

Gait analysis; Chronic fatigue syndrome; Balance assessment; Exercise **14**, 19

Gait analysis; Foot progression angle; Knee adduction moment; Teenager **14**, 85

Gait-analysis; Human walking; Pelvis–thorax coordination; Relative phase; Dynamical systems theory **16**, 101

Gait analysis; Locomotion; Acceleration; Walk; Elderly **16**, 124

Gait analysis; Lower limb amputees; Prosthetic alignment; Oxygen consumption; Biomechanics **16**, 255

Gait analysis; Multivariate statistics; Sagittal joint angles **16**, 149

Gait analysis; Parkinson's disease; Subthalamic nucleus stimulation; Deep brain stimulation; Motor rehabilitation **16**, 135

Gait; Ankle; Coactivation; Paresis; Spasticity; Stiffness; Stroke; Weakness **15**, 244

Gait asymmetry; Laterality; Electrogoniometer; Isokinetics **16**, 304

Gait; Cerebral palsy; Surgery; Hamstring lengthening **16**, 288

Gait control; Attention demand; Dynamics; Phase transitions **15**, 256

Gait; Diabetes; Neuropathy; Kinematics; Variability **14**, 1

Gait; Ground reaction force; Flat foot; Pes planus **15**, 1

Gait; Head–trunk coordination; Gaze; Angular displacement; Neck moments **16**, 271

Gait; Hip arthroplasty; Force; Symmetry index; Treadmill; Force measuring treadmill **14**, 104

Gait; Kinematics; Kinetics; Levels of confidence; Reliability **14**, 98

Gait; Knee; Functional activity; Total knee arthroplasty; Osteoarthritis; Electrogoniometry; Range of movement **16**, 46

Gait; Locomotion; MMC; Movement analysis; Orthoses; Trunk **15**, 120

Gait; Locomotion; Running; Foot type classification; Foot function; Foot structure; Kinematics; Risk of injury **15**, 282

Gait; Osteoarthritis; Kinetics **16**, 249

Gait parameters; Centre of mass; Vertical displacement **14**, 79

Gait; Patella; Patellofemoral; Biomechanics; Stress; Stairs **16**, 115

Gait; Patellofemoral joint; Center of force **15**, 146

Gait pattern; Forewarning; Tripping; Recovery reaction **14**, 11

Gait pattern; Time discrete; Time continuous; Individuality; Generality; Kohonen map **15**, 180

Gait; Plantar pressure; Children; Foot; Landing; Jumping **14**, 92

Gait; Posture; Research **16**, 1

Gait; Stairs; Knee; Hip; Forces; Moments; Patella; Contact forces **16**, 31

Gait; Treadmill; Rotation; Translation; Body movement; Vestibular stimulation **15**, 274

Gastrocnemius; Equnius; Tendo Achilles **15**, 130

Gaze; Gait; Head–trunk coordination; Angular displacement; Neck moments **16**, 271

Generality; Gait pattern; Time discrete; Time continuous; Individuality; Kohonen map **15**, 180

Ground reaction force; Biomechanics; Testing; Gait analysis **16**, 233

Ground reaction force; Gait; Flat foot; Pes planus **15**, 1

Ground reaction force; Lever arm; Push-off; Foot placement; Plantarflexors **15**, 212

Ground reaction force; Stairs; Aging; Required coefficient of friction **15**, 153

Ground reactions; Stair climbing; Ascent; Descent; Motion analysis; Kinematics; Kinetics; Stair inclination; Slope **15**, 32

Hamstring lengthening; Gait; Cerebral palsy; Surgery **16**, 288

Head–trunk coordination; Gait; Gaze; Angular displacement; Neck moments **16**, 271

Hemiplegia; Stair locomotion; Orthotics **16**, 180

Hemodynamics; Posture; Force plate **14**, 28

Hindfoot varus; Tibialis anterior; Tibialis posterior; Muscle moment arm; Split tendon transfer **14**, 271

Hip arthroplasty; Force; Gait; Symmetry index; Treadmill; Force measuring treadmill **14**, 104

Hip; Gait; Stairs; Knee; Forces; Moments; Patella; Contact forces **16**, 31

Hip joint; Range of motion; Aging; Knee joint; Biarticular muscle, Monoarticular muscle **15**, 236

Hip; Repeatability; Kinematics; Running; Lumbar spine; Pelvis **15**, 136

History; Electromyography (EMG); Clinical gait analysis **14**, 61

History; Kinematics; Clinical gait analysis **16**, 159

Human locomotion; Multiple obstacles; Avoidance strategy; Kinematics **16**, 15

Human; Locomotion; Perturbation; Balance **16**, 238

Human walking; Electromyogram; Speed dependence **16**, 78

Human walking; Pelvis–thorax coordination; Relative phase; Gait-analysis; Dynamical systems theory **16**, 101

Individuality; Gait pattern; Time discrete; Time continuous; Generality; Kohonen map **15**, 180

Infant gait; Stability; Mobility; Walking experience **16**, 69

Ipsilateral biceps femoris; Anticipatory postural adjustment; Voluntary arm movement; Vibration-induced postural illusion; Standing human **15**, 94

Isokinetics; Gait asymmetry; Laterality; Electrogoniometer **16**, 304

Jumping; Plantar pressure; Children; Foot; Gait; Landing **14**, 92

Kinematics; Diabetes; Neuropathy; Gait; Variability **14**, 1

Kinematics; Gait; Kinetics; Levels of confidence; Reliability **14**, 98

Kinematics; History; Clinical gait analysis **16**, 159

Kinematics; Human locomotion; Multiple obstacles; Avoidance strategy **16**, 15

Kinematics; Locomotion; Gait; Running; Foot type classification; Foot function; Foot structure; Risk of injury **15**, 282

Kinematics; Measurement; Split-volume; Accuracy; Resolution; Repeatability **16**, 283

Kinematics; Posture; Dynamic posturography; EquiTest; Aging **16**, 20

Kinematics; Repeatability; Running; Lumbar spine; Pelvis; Hip **15**, 136

Kinematics; Stair climbing; Ascent; Descent; Motion analysis; Kinetics; Ground reactions; Stair inclination; Slope **15**, 32

Kinematics; Upper extremity; Analytical methods **15**, 113

Kinetics; Gait; Kinematics; Levels of confidence; Reliability **14**, 98

Kinetics; Gait; Osteoarthritis **16**, 249

Kinetics; Stair climbing; Ascent; Descent; Motion analysis; Kinematics; Ground reactions; Stair inclination; Slope **15**, 32

Knee adduction moment; Foot progression angle; Gait analysis; Teenager **14**, 85

Knee; Gait; Functional activity; Total knee arthroplasty; Osteoarthritis; Electrogoniometry; Range of movement **16**, 46

Knee; Gait; Stairs; Hip; Forces; Moments; Patella; Contact forces **16**, 31

Knee joint; Range of motion; Aging; Hip joint; Biarticular muscle, Monoarticular muscle **15**, 236

Kohonen map; Gait pattern; Time discrete; Time continuous; Individuality; Generality **15**, 180

Landing; Plantar pressure; Children; Foot; Gait; Jumping **14**, 92

Laterality; Gait asymmetry; Electrogoniometer; Isokinetics **16**, 304

Leg length discrepancy; Low back pain; Osteoarthritis **15**, 195

Levels of confidence; Gait; Kinematics; Kinetics; Reliability **14**, 98

Lever arm; Ankle complex; Muscle force; Four-bar linkage; Centre of rotation **15**, 220

Lever arm; Ground reaction force; Push-off; Foot placement; Plantarflexors **15**, 212

Light touch; Peripheral neuropathy; Postural stability **14**, 238

Load lifting; Anticipatory postural adjustments; Centre of mass; Centre of pressure; Mechanical constraint **14**, 44

Locomotion; Cycling; Pedaling; Musculoskeletal models; Motor control; Orthopaedics; Muscle synergy **16**, 215

Locomotion; Gait analysis; Acceleration; Walk; Elderly **16**, 124

Locomotion; Gait; MMC; Movement analysis; Orthoses; Trunk **15**, 120

Locomotion; Gait; Running; Foot type classification; Foot function; Foot structure; Kinematics; Risk of injury **15**, 282

Locomotion; Human; Perturbation; Balance **16**, 238

Locomotion; Oxygen uptake; Walking; Children **15**, 230

Low back pain; Leg length discrepancy; Osteoarthritis **15**, 195

Lower-leg proprioceptive deficits; Dynamic posturography; Balance deficits; Peripheral-vestibular loss; Stretch reflexes **14**, 217

Lower limb amputees; Prosthetic alignment; Oxygen consumption; Biomechanics; Gait analysis **16**, 255

Lower limb injuries; Shock absorbing insoles; Peak pressure attenuation; Military activities; Mechanical degradation **16**, 297

Lumbar spine; Repeatability; Kinematics; Running; Pelvis; Hip **15**, 136

Measurement; Kinematics; Split-volume; Accuracy; Resolution; Repeatability **16**, 283

Mechanical constraint; Anticipatory postural adjustments; Load lifting; Centre of mass; Centre of pressure **14**, 44

Mechanical cost models; Myelomeningocele; Oxygen cost; Crouch gait **15**, 25

Mechanical degradation; Shock absorbing insoles; Peak pressure attenuation; Military activities; Lower limb injuries **16**, 297

Military activities; Shock absorbing insoles; Peak pressure attenuation; Lower limb injuries; Mechanical degradation **16**, 297

MMC; Gait; Locomotion; Movement analysis; Orthoses; Trunk **15**, 120

Mobility; Infant gait; Stability; Walking experience **16**, 69

Modeling; Age; Gait; Biomechanics; Power **14**, 264

Moments; Gait; Stairs; Knee; Hip; Forces; Patella; Contact forces **16**, 31

Motion analysis; Skin movement; Relative motion; Video; Tracking targets; Bone **15**, 10

Motion analysis; Stair climbing; Ascent; Descent; Kinematics; Kinetics; Ground reactions; Stair inclination; Slope **15**, 32

Motor control; Locomotion; Cycling; Pedaling; Musculoskeletal models; Orthopaedics; Muscle synergy **16**, 215

Motor disorders; Assessment; Recovery **16**, 198

Motor rehabilitation; Gait analysis; Parkinson's disease; Subthalamic nucleus stimulation; Deep brain stimulation **16**, 135

Movement analysis; Gait; Locomotion; MMC; Orthoses; Trunk **15**, 120

Multiple obstacles; Human locomotion; Avoidance strategy; Kinematics **16**, 15

Multivariate statistics; Gait analysis; Sagittal joint angles **16**, 149

Muscle fatigue; Body balance; Contact stress; Foot stability; Plantar pressure; Surface EMG **15**, 56

Muscle force; Ankle complex; Lever arm; Four-bar linkage; Centre of rotation **15**, 220

Muscle moment arm; Tibialis anterior; Tibialis posterior; Split tendon transfer; Hindfoot varus **14**, 271

Muscle synergy; Locomotion; Cycling; Pedaling; Musculoskeletal models; Motor control; Orthopaedics **16**, 215

Musculoskeletal models; Locomotion; Cycling; Pedaling; Motor control; Orthopaedics; Muscle synergy **16**, 215

Myelomeningocele; Mechanical cost models; Oxygen cost; Crouch gait **15**, 25

Neck moments; Gait; Head–trunk coordination; Gaze; Angular displacement **16**, 271

Nervous system; Coordination; Sit-to-stand **15**, 45

Neuropathy; Diabetes; Gait; Kinematics; Variability **14**, 1

One-legged standing; Standing; Balance; Ankle movement **15**, 172

Orthopaedics; Locomotion; Cycling; Pedaling; Musculoskeletal models; Motor control; Muscle synergy **16**, 215

Orthoses; Gait; Locomotion; MMC; Movement analysis; Trunk **15**, 120

Orthotics; Stair locomotion; Hemiplegia **16**, 180

Osteoarthritis; Gait; Kinetics **16**, 249

Osteoarthritis; Gait; Knee; Functional activity; Total knee arthroplasty; Electrogoniometry; Range of movement **16**, 46

Osteoarthritis; Leg length discrepancy; Low back pain **15**, 195

Oxygen consumption; Lower limb amputees; Prosthetic alignment; Biomechanics; Gait analysis **16**, 255

Oxygen cost; Myelomeningocele; Mechanical cost models; Crouch gait **15**, 25

Oxygen uptake; Locomotion; Walking; Children **15**, 230

Paresis; Ankle; Coactivation; Gait; Spasticity; Stiffness; Stroke; Weakness **15**, 244

Parkinson's disease; Basal ganglia; Adaptation; Postural control; Vibration; Elderly; Balance **16**, 188

Parkinson's disease; Gait analysis; Subthalamic nucleus stimulation; Deep brain stimulation; Motor rehabilitation **16**, 135

Patella; Gait; Stairs; Knee; Hip; Forces; Moments; Contact forces **16**, 31

Patella; Patellofemoral; Biomechanics; Stress; Stairs; Gait **16**, 115

Patellofemoral joint; Center of force; Gait **15**, 146

Patellofemoral; Patella; Biomechanics; Stress; Stairs; Gait **16**, 115

Peak pressure attenuation; Shock absorbing insoles; Military activities; Lower limb injuries; Mechanical degradation **16**, 297

Pedaling; Locomotion; Cycling; Musculoskeletal models; Motor control; Orthopaedics; Muscle synergy **16**, 215

Pelvis; Repeatability; Kinematics; Running; Lumbar spine; Hip **15**, 136

Pelvis–thorax coordination; Human walking; Relative phase; Gait-analysis; Dynamical systems theory **16**, 101

Pelvis; Walking; Adaptation; Posture; Slope; Trunk **15**, 64

Performance parameters; Standing; Balance; Triaxial accelerometer; Force platform; Posture **16**, 55

Peripheral neuropathy; Light touch; Postural stability **14**, 238

Peripheral-vestibular loss; Dynamic posturography; Balance deficits; Lower-leg proprioceptive deficits; Stretch reflexes **14**, 217

Perturbation; Human; Locomotion; Balance **16**, 238

Pes planus; Ground reaction force; Gait; Flat foot **15**, 1

Phase transitions; Attention demand; Dynamics; Gait control **15**, 256

Plantarflexors; Lever arm; Ground reaction force; Push-off; Foot placement **15**, 212

Plantar pressure; Body balance; Contact stress; Foot stability; Muscle fatigue; Surface EMG **15**, 56

Plantar pressure; Children; Foot; Gait; Landing; Jumping **14**, 92

Plantar pressure; Diabetes; Foot; Shear stress **15**, 101

Platform perturbation; Displacement waveform; Acceleration; Postural control **14**, 256

Postural control; Basal ganglia; Adaptation; Vibration; Parkinson's disease; Elderly; Balance **16**, 188

Postural control; Centre of pressure; Attention **14**, 248

Postural control; Centre of pressure; Working memory; Attention **14**, 110

Postural control; Platform perturbation; Displacement waveform; Acceleration **14**, 256

Postural stability; Light touch; Peripheral neuropathy **14**, 238

Postural strategies; Sports training; Vision; Proprioception; Transfer **15**, 187

Postural sway; Congenital total blindness; Automatic postural response; EMG latency; Reaction time **14**, 36

Posture; Adaptation; Balance; Rehabilitation; Vision **15**, 75

Posture; Aging; Dual-task; Falls **14**, 191

Posture; Balance; Attention; Aging **14**, 211

Posture control; Pulling; Sudden release; Centre of pressure motion **15**, 266

Posture; Dynamic posturography; EquiTest; Aging; Kinematics **16**, 20

Posture; Gait; Research **16**, 1

Posture; Hemodynamics; Force plate **14**, 28

Posture; Standing; Balance; Triaxial accelerometer; Force platform; Performance parameters **16**, 55

Posture; Walking; Adaptation; Slope; Trunk; Pelvis **15**, 64

Posturography; Trunk accelerometry; Quiet standing **16**, 60

Power; Age; Gait; Biomechanics; Modeling **14**, 264

Proprioception; Anterior cruciate ligament; Balance; ACL rehabilitation **16**, 87

Proprioception; Postural strategies; Sports training; Vision; Transfer **15**, 187

Proprioception; Sensory reintegration; Aging; Attention; Vision **14**, 203

Prosthetic alignment; Lower limb amputees; Oxygen consumption; Biomechanics; Gait analysis **16**, 255

Pulling; Sudden release; Centre of pressure motion; Posture control **15**, 266

Push-off; Lever arm; Ground reaction force; Foot placement; Plantarflexors **15**, 212

Quiet standing; Trunk accelerometry; Posturography **16**, 60

Range of motion; Aging; Hip joint; Knee joint; Biarticular muscle, Monoarticular muscle **15**, 236

Range of movement; Gait; Knee; Functional activity; Total knee arthroplasty; Osteoarthritis; Electrogoniometry **16**, 46

Reaction time; Congenital total blindness; Automatic postural response; EMG latency; Postural sway **14**, 36

Recovery; Assessment; Motor disorders **16**, 198

Recovery reaction; Gait pattern; Forewarning; Tripping **14**, 11

Rehabilitation; Adaptation; Balance; Posture; Vision **15**, 75

Relative motion; Skin movement; Motion analysis; Video; Tracking targets; Bone **15**, 10

Relative phase; Human walking; Pelvis–thorax coordination; Gait-analysis; Dynamical systems theory **16**, 101

Reliability; Gait; Kinematics; Kinetics; Levels of confidence **14**, 98

Repeatability; Kinematics; Measurement; Split-volume; Accuracy; Resolution **16**, 283

Repeatability; Kinematics; Running; Lumbar spine; Pelvis; Hip **15**, 136

Required coefficient of friction; Stairs; Aging; Ground reaction force **15**, 153

Research; Posture; Gait **16**, 1

Resolution; Kinematics; Measurement; Split-volume; Accuracy; Repeatability **16**, 283

Risk of injury; Locomotion; Gait; Running; Foot type classification; Foot function; Foot structure; Kinematics **15**, 282

Rotation; Treadmill; Gait; Translation; Body movement; Vestibular stimulation **15**, 274

Running; Comfort; Visual analogue scale; Footwear **16**, 38

Running; Locomotion; Gait; Foot type classification; Foot function; Foot structure; Kinematics; Risk of injury **15**, 282

Running; Repeatability; Kinematics; Lumbar spine; Pelvis; Hip **15**, 136

Sagittal joint angles; Gait analysis; Multivariate statistics **16**, 149

Screening balance disorders; Clinical balance tests; Unilateral vestibular loss; Cerebellar pontine angle tumours; Balance disorders; Trunk sway **14**, 227

Sensory reintegration; Aging; Attention; Proprioception; Vision **14**, 203

Shear stress; Diabetes; Foot; Plantar pressure **15**, 101

Shock absorbing insoles; Peak pressure attenuation; Military activities; Lower limb injuries; Mechanical degradation **16**, 297

Sit-to-stand; Coordination; Nervous system **15**, 45

Skin movement; Motion analysis; Relative motion; Video; Tracking targets; Bone **15**, 10

Slips and falls biomechanics; Gait adaptations; Anticipation of slippery floors **15**, 159

Slope; Stair climbing; Ascent; Descent; Motion analysis; Kinematics; Kinetics; Ground reactions; Stair inclination **15**, 32

Slope; Walking; Adaptation; Posture; Trunk; Pelvis **15**, 64

Spasticity; Ankle; Coactivation; Gait; Paresis; Stiffness; Stroke; Weakness **15**, 244

Speed dependence; Electromyogram; Human walking **16**, 78

Split tendon transfer; Tibialis anterior; Tibialis posterior; Muscle moment arm; Hindfoot varus **14**, 271

Split-volume; Kinematics; Measurement; Accuracy; Resolution; Repeatability **16**, 283

Sports training; Postural strategies; Vision; Proprioception; Transfer **15**, 187

Stability; Infant gait; Mobility; Walking experience **16**, 69

Stair climbing; Ascent; Descent; Motion analysis; Kinematics; Kinetics; Ground reactions; Stair inclination; Slope **15**, 32

Stair inclination; Stair climbing; Ascent; Descent; Motion analysis; Kinematics; Kinetics; Ground reactions; Slope **15**, 32

Stair locomotion; Hemiplegia; Orthotics **16**, 180

Stairs; Aging; Required coefficient of friction; Ground reaction force **15**, 153

Stairs; Gait; Knee; Hip; Forces; Moments; Patella; Contact forces **16**, 31

Stairs; Patella; Patellofemoral; Biomechanics; Stress; Gait **16**, 115

Standing; Balance; Ankle movement; One-legged standing **15**, 172

Standing; Balance; Triaxial accelerometer; Force platform; Posture; Performance parameters **16**, 55

Standing human; Anticipatory postural adjustment; Voluntary arm movement; Vibration-induced postural illusion; Ipsilateral biceps femoris **15**, 94

Static stability; Four-point walking; Dynamic stability; Functional electrical stimulation **14**, 56

Stepping; Attention; Balance; Elderly **15**, 83

Stiffness; Ankle; Coactivation; Gait; Paresis; Spasticity; Stroke; Weakness **15**, 244

Stress; Patella; Patellofemoral; Biomechanics; Stairs; Gait **16**, 115

Stretch reflexes; Dynamic posturography; Balance deficits; Peripheral-vestibular loss; Lower-leg proprioceptive deficits **14**, 217

Stroke; Ankle; Coactivation; Gait; Paresis; Spasticity; Stiffness; Weakness **15**, 244

Subthalamic nucleus stimulation; Gait analysis; Parkinson's disease; Deep brain stimulation; Motor rehabilitation **16**, 135

Sudden release; Pulling; Centre of pressure motion; Posture control **15**, 266

Surface EMG; Body balance; Contact stress; Foot stability; Muscle fatigue; Plantar pressure **15**, 56

Surgery; Gait; Cerebral palsy; Hamstring lengthening **16**, 288

Symmetry index; Hip arthroplasty; Force; Gait; Treadmill; Force measuring treadmill **14**, 104

Teenager; Foot progression angle; Knee adduction moment; Gait analysis **14**, 85

Tendo Achilles; Gastrocnemius; Equnius **15**, 130

Testing; Biomechanics; Ground reaction force; Gait analysis **16**, 233

Tibialis anterior; Tibialis posterior; Muscle moment arm; Split tendon transfer; Hindfoot varus **14**, 271

Tibialis posterior; Tibialis anterior; Muscle moment arm; Split tendon transfer; Hindfoot varus **14**, 271

Time continuous; Gait pattern; Time discrete; Individuality; Generality; Kohonen map **15**, 180

Time discrete; Gait pattern; Time continuous; Individuality; Generality; Kohonen map **15**, 180

Total knee arthroplasty; Gait; Knee; Functional activity; Osteoarthritis; Electrogoniometry; Range of movement **16**, 46

Tracking targets; Skin movement; Motion analysis; Relative motion; Video; Bone **15**, 10

Transfer; Postural strategies; Sports training; Vision; Proprioception **15**, 187

Translation; Treadmill; Gait; Rotation; Body movement; Vestibular stimulation **15**, 274

Treadmill; Gait; Rotation; Translation; Body movement; Vestibular stimulation **15**, 274

Treadmill; Hip arthroplasty; Force; Gait; Symmetry index; Force measuring treadmill **14**, 104

Triaxial accelerometer; Standing; Balance; Force platform; Posture; Performance parameters **16**, 55

Tripping; Gait pattern; Forewarning; Recovery reaction **14**, 11

Trunk accelerometry; Posturography; Quiet standing **16**, 60

Trunk; Gait; Locomotion; MMC; Movement analysis; Orthoses **15**, 120

Trunk sway; Balance control; Dynamic posturography **16**, 264

Trunk sway; Clinical balance tests; Unilateral vestibular loss; Cerebellar pontine angle tumours; Balance disorders; Screening balance disorders **14**, 227

Trunk; Walking; Adaptation; Posture; Slope; Pelvis **15**, 64

Unilateral vestibular loss; Clinical balance tests; Cerebellar pontine angle tumours; Balance disorders; Trunk sway; Screening balance disorders **14**, 227

Upper extremity; Kinematics; Analytical methods **15**, 113

Variability; Diabetes; Neuropathy; Gait; Kinematics **14**, 1

Vertical displacement; Centre of mass; Gait parameters **14**, 79

Vestibular stimulation; Treadmill; Gait; Rotation; Translation; Body movement **15**, 274

Vibration; Basal ganglia; Adaptation; Postural control; Parkinson's disease; Elderly; Balance **16**, 188

Vibration-induced postural illusion; Anticipatory postural adjustment; Voluntary arm movement; Ipsilateral biceps femoris; Standing human **15**, 94

Video; Skin movement; Motion analysis; Relative motion; Tracking targets; Bone **15**, 10

Vision; Adaptation; Balance; Posture; Rehabilitation **15**, 75

Vision; Postural strategies; Sports training; Proprioception; Transfer **15**, 187

Vision; Sensory reintegration; Aging; Attention; Proprioception **14**, 203

Visual analogue scale; Comfort; Footwear; Running **16**, 38

Voluntary arm movement; Anticipatory postural adjustment; Vibration-induced postural illusion; Ipsilateral biceps femoris; Standing human **15**, 94

Walking; Adaptation; Posture; Slope; Trunk; Pelvis **15**, 64

Walking experience; Infant gait; Stability; Mobility **16**, 69

Walking; Locomotion; Oxygen uptake; Children **15**, 230

Walk; Locomotion; Gait analysis; Acceleration; Elderly **16**, 124

Weakness; Ankle; Coactivation; Gait; Paresis; Spasticity; Stiffness; Stroke **15**, 244

Working memory; Postural control; Centre of pressure; Attention **14**, 110